

Hail.—3rd, McPherson, Barracks, Ga.; 4th, Accotink, Va.; 8th, Fort Gibson, Ind. Ty.; 9th, Rupert, Pa.; 10th, Detroit, Mich.; 13th, Fort Wayne, Mich.; 14th, Cornish, Me.; 22nd, Sacramento, Cal.; 25th, Colorado Springs, Col., Guttenburg, Iowa, Neosha, Mo.; 26th, Fort Gibson, Ind. Ty., Lawrence, Kan., Great Bend, Kan., Cornish, Me., Standish, Me., Springfield, Mo.; Cincinnati, Ohio, Hillsboro, Ohio; 30th, Vevay, Ind., Asheville, N. C., Red Bluff, Cal.; 31st, Willet's Point, N. J., Sandy Springs, Md., Freehold, N. J., Linden, N. J., White Plains, N. Y., Flushing, N. Y., West Chester, Pa., Philadelphia, Pa., Accotink, Va.

Sleet.—1st, Rochester; Cresco, Iowa; Chicago. 2nd, Rochester; Cresco, Iowa. 3rd, Corsicana and Fredericksburg, Texas. 4th, West Point, N. Y.; Fayette, Miss.; Springfield, Mass.; Wood's Holl. 6th, Galveston. 7th, Jacksboro', Fredericksburg, Texas. 8th, Fort Gibson; McPherson Barracks, Ga.; Augusta; Fort Sill. 9th, Davenport; Detroit; Pembina; Guttenburg, Iowa; Cleveland; Westchester, Pa.; Baltimore. 10th, Detroit; Indianapolis; Louisville; Fort Prebble, Me.; Burlington, Vt.; Mt. Washington; Winnemucca. 11th, Erie; Fort Prebble, Me.; West Waterville, Me.; Mt. Washington. 13th, St. Louis; Cleaveland, Tenn. 14th, Toledo; Rochester; Fort Prebble, Me.; Bangor, Me. 17th, Camp Douglas, Utah; 18th, Camp Douglas, Utah; Galveston. 20th, Milwaukee. 22nd, Madison Barracks, N. Y.; Detroit. 23rd, New Bedford, Mass. 25th, Fort Prebble, Me. 26th, Sandusky; Fort Prebble, Me.; Madison Barracks, N. Y.; Albany. 27th, Oswego; Fort Prebble, Me. 28th, Oswego; Indianapolis. 29th, Leavenworth; Keokuk. 30th, Spartanburg, S. C.; Indianapolis; Louisville; Macon, Ga.; New Harmony, Ind.; Vevay, Ind.; Statesville, N. C.; Mt. Auburn, Ohio. 31st, Morgantown; Louisville; New Bedford, Mass.; Baltimore; Wood's Holl.

Depth of Snow at Close of Month.—In New England from 1 to 36 inches; in the Middle Atlantic States, 1.5 to 18; in the Upper Lakes, 0.5 to 11; in the Lower Lakes, 7 to 18; in Tennessee and the Ohio valley, 2 to 8; in Kansas, 0.25 to 4.5; in Nebraska, 1.5 to 3; in Missouri, 1 to 2; in Minnesota, 0.5 to 6; at Pike's Peak, Col., 12; at Salt Lake City, a trace; at Yankton, 1.

Rainy Days.—The number of days on which rain or snow has fallen averages as follows: New England, 7 to 20; Middle Atlantic States, 5 to 22; South Atlantic States, 2 to 12; East Gulf States, 3 to 17; West Gulf States, 4 to 11; Lower Lake region, 12 to 25; Upper Lake region, 9 to 18; Upper Mississippi valley, 2 to 15; Lower Missouri valley, 0 to 10; Tennessee and the Ohio valley, 7 to 21; Northwest, 0 to 6; Rocky Mountain region, 0 to 7; California, 7 to 23.

Cloudy Days.—The number reported by the volunteer observers is as follows: New England, 7 to 13; Middle Atlantic States, 6 to 24; South Atlantic States, 3 to 14; East Gulf States, 5 to 14; West Gulf States, 3 to 11; Lower Lake region, 10 to 23; Upper Lake region, 9 to 15; Upper Mississippi valley, 6 to 19; Lower Missouri valley, 5 to 13; Tennessee and the Ohio valley, 14 to 22; the Northwest, 3 to 17; Rocky Mountain region, 0 to 7; California, 1 to 6.

Precipitation from a Cloudless Sky.—At Bangor, Me., on 3rd.

RELATIVE HUMIDITY.

The average percentages of relative humidity for the month range about as follows: New England, 64 to 81; Middle Atlantic States, 62 to 84; South Atlantic States, 66 to 80; East Gulf States, 75 to 80; West Gulf States, 63 to 74; Lower Lake region, 73 to 83; Upper Lake region, 70 to 86; Tennessee and the Ohio valley, 66 to 75; Upper Mississippi valley, 66 to 80; Lower Missouri valley, 65 to 84; California coast, 61 to 75; Sacramento valley, 74 to 80. High stations report the following monthly average percentages, uncorrected for elevation: Mt. Washington, 84.7; Pike's Peak, 61.4; Cheyenne, 52.1; Denver, 52.7; Salt Lake City, 64.8; Virginia City, 62.5; Boise City, 66.2; Winnemucca, 58.0.

WINDS.

In General.—The prevailing winds, at the Signal Service Stations, are shown by arrows on chart No. III. The prevailing direction is there seen to be northwest, except in the Ohio valley, Lake region and west of the Rocky Mountains, where southerly or westerly winds predominate.

Total Movements of the Air.—The following are the largest monthly movements, as recorded at the Signal Service stations, viz: Pike's Peak, 15,734 miles; Cape Lookout, 13,602 miles; Sandy Hook, 13,494 miles; Thatcher's Island, 13,038 miles; Cape May, 12,510 miles; Barnegat, 10,595 miles; Cape Henry, 10,322 miles; Cape Hatteras, 10,287 miles; Indianola, 10,006 miles; Sandusky, 9,758 miles; Eastport, 9,340 miles; Breckenridge, 9,290 miles; Boston, 9,152 miles; Woods Holl, 9,146 miles; Philadelphia, 9,005 miles; Cheyenne, 8,981 miles; New York, 8,717 miles. *The smallest are:* Visalia, 1,869 miles; Deadwood, 2,198 miles; Salt Lake City, 2,569 miles; Lynchburg, 2,657 miles; Augusta, 2,916 miles; Eagle Pass, 2,928 miles; Boise City, 3,134 miles; San Antonio, 3,108 miles; Brackettsville, 3,010 miles; Nashville, 3,249 miles; Shreveport, 3,310 miles; Springfield, 3,441 miles; San Diego, 3,521 miles; Dubuque, 3,812 miles; Los Angeles, 3,923 miles. At Mt. Washington a continuous record has not yet been accomplished, but velocities of 100 miles and over were recorded on nine days, and the total monthly movement may be estimated at about 35,000 miles.